

1	2	3	4	5	6	1	2	1	2	1	2	1	2	1	2	3	4	5	6	7	8	1	2
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| 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

- 1 8. The method of claim 6, wherein the first sub-packet and new version of the first sub-
2 packet are not identical.
- 1 9. The method of claim 6, wherein the first sub-packet with identifiers and the new version
2 first sub-packet with identifiers are transmitted over different channels.
- 1 10. The method of claim 6, wherein the first sub-packet with identifiers and the new version
2 first sub-packet with identifiers are transmitted over different channels.
- 1 11. A method of receiving a sub-packet in a parallel channel encoder packet transmission
2 system comprising the steps of:
3 receiving at a receiver a sub-packet with a user identifier, a sequence identifier
4 and an encoder packet identifier;
5 determining if the received sub-packet is intended for the receiver using the user
6 identifier;
7 determining if the received sub-packet is a re-transmission of a previously
8 received sub-packet using the sequence identifier; and
9 if the received sub-packet is a re-transmission of a previously received sub-
10 packet, soft combining the received sub-packet with a previously received sub-packet
11 having an identical encoder packet identifier.
- 1 12. The method of claim 11, wherein the received sub-packet and the previously received
2 sub-packet having the identical encoder packet identifier were received over different
3 channels.
- 1 13. The method of claim 11, wherein the received sub-packet and the previously received
2 sub-packet having the identical encoder packet identifier were received over identical
3 channels.